

**IN THE SPECIFICATION:**

Please replace the paragraph beginning at page 1, line 23, with the following rewritten paragraph:

--The hydroxyapatite of the body is in crystalline form, and is thus substantially non-resorbable in use. The tricalcium phosphate is also in crystalline form, and may be in either the  $\alpha$  or the  $\beta$  form, both of which are resorbable in use. However, the  $\beta$  form is preferred.--

**IN THE CLAIMS:**

Please cancel claims 25 and 26.

Please amend claims 5, 6, 7, 10, 11, 12, 13, 14, 15, 17, 21 and 23 as follows:

5. An implant according to Claim 2, wherein the size of the zones is from 10 to 300 microns.
6. An implant according to Claim 2, wherein the proportion of hydroxyapatite to tricalcium phosphate in the implant is from 4:1 to 2:3, on a mass basis.
7. An implant according to Claim 2, wherein macropores are provided in the body.
10. An implant according to Claim 8, wherein at least a majority of the macropores are of substantially the same size, and wherein the macropores occupy from 20% to 800 of the total volume of the body.
11. An implant according to Claim 7, wherein the macropores are randomly interspersed throughout the body, so that the body has a network of interconnected coalesced rounded inner macroporous spaces.
12. An implant according to Claim 8, wherein the body is provided with surface concavities.
13. An implant according to Claim 12, wherein the surface concavities are rounded, having diameters of from 100 to 2000 microns.